

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	372	thiol with specific with reagent	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/09/14 11:34
L2	1741	cationic with polypeptide	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/09/14 11:34
L3	82	L1 and glycoprotein	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/09/14 11:34
L4	11	iron with sequestering with glycoprotein	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/09/14 11:34
L5	1	L4 and N-ethylmaleimide	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/09/14 11:34
L6	2	thiol with specific with reagent and N-phenylmaleimides	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/09/14 11:34
L7	6	thiosulfinates and lysozyme	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/09/14 11:34
L8	45	lysozyme and antimicrobial with composition and (N-ethylmaleimide or "P-hydroxymercuribenzoic acid" or iodoacetamide or N-phenylmaleimide or "\$maleimide")	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/09/14 11:34
L9	6485	("protamine sulfate" or polylysine or defensin or lysozyme or lactoperoxidase) and antimicrobial	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/09/14 11:34
L10	38	("protamine sulfate" or polylysine or defensin or lysozyme or lactoperoxidase) same antimicrobial and maleimides	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/09/14 11:34
L11	6	protamine with sulfate same antimicrobial and "medical devices"	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/09/14 11:35

## EAST Search History

S1	288	thiol with specific with reagent	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/03/10 13:40
S3	0	thiol with specific with reagent and cationic with polypeptide	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/03/10 10:27
S5	1313	cationic with polypeptide	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/09/21 13:28
S6	0	S1 and S5	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/03/10 10:28
S7	51	S1 and glycoprotein	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/03/10 10:29
S8	0	S1 and iron with sequestering with glycoprotein	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/03/10 10:29
S9	5	iron with sequestering with glycoprotein	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/03/10 10:30
S12	0	cationic with polypeptide same N-ethylmaleimide	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/03/10 10:39
S13	0	cationic with polypeptide same (N-ethylmaleimide or NEM)	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/03/10 10:39
S14	3031	(N-ethylmaleimide or NEM)	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/03/10 10:39
S15	0	S9 and N-ethylmaleimide	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/03/10 10:42
S17	0	S9 and "5, 5-dithiobis-(2-nitrobenzoic acid)"	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/03/10 10:43

## EAST Search History

S18	0	thiol with specific with reagent same "bacterial biofilm"	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/03/10 10:46
S19	0	thiol with specific with reagent same "bacterial biofilm"	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/03/10 11:08
S22	1	thiol with specific with reagent and N-phenylmaleimides	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/03/10 13:41
S23	3	cationic with polypeptide and N-phenylmaleimides	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/03/10 13:42
S24	1807	N-phenylmaleimides	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/03/10 13:46
S25	138	thiosulfinates	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/03/10 13:47
S26	0	thiosulfinates and cationic with polypeptides	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/03/10 13:48
S27	0	thiosulfinates and polylysine	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/03/10 13:49
S28	0	thiosulfinates and defensin	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/03/10 13:49
S29	3	thiosulfinates and lysozyme	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/03/10 13:50
S30	64	lysozyme same antimicrobial with composition	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/03/10 13:51
S31	0	lysozyme same antimicrobial with composition and N-ethylmaleimide	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/03/10 13:52

## EAST Search History

S32	30004	lysozyme same antimicrobial with composition and N-ethylmaleimide or "P-hydroxymercuribenzoic acid" or iodoacetamide or N-phenylmaleimide or "\$maleimide"	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/03/10 14:01
S33	8	lysozyme same antimicrobial with composition and (N-ethylmaleimide or "P-hydroxymercuribenzoic acid" or iodoacetamide or N-phenylmaleimide or "\$maleimide")	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/03/10 14:03
S34	35	lysozyme and antimicrobial with composition and (N-ethylmaleimide or "P-hydroxymercuribenzoic acid" or iodoacetamide or N-phenylmaleimide or "\$maleimide")	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/03/10 14:03
S35	33	lysozyme and antimicrobial with composition and (N-ethylmaleimide or "P-hydroxymercuribenzoic acid" or iodoacetamide or N-phenylmaleimide or \$maleimide)	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/03/10 14:07
S36	2	cationic with polypeptide and antimicrobial with composition and (N-ethylmaleimide or "P-hydroxymercuribenzoic acid" or iodoacetamide or N-phenylmaleimide or \$maleimide)	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/03/10 14:09
S37	33745	(N-ethylmaleimide or "P-hydroxymercuribenzoic acid" or iodoacetamide or N-phenylmaleimide or \$maleimide or thiosulfinates or "p-chloromercuribenzene sulphonic acid")	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/03/10 14:11
S38	31174	("protamine sulfate" or polylysine or defensin or lysozyme or lactoperoxidase)	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/03/10 15:28
S39	2908	S37 and S38	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/03/10 14:13

## EAST Search History

S40	58	S37 and S38 same antimicrobial	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/03/10 14:13
S41	13836185	N-(l-pyrenyl)with maleimide or "N, N'-(1,2-phenylene) dimaleimide" and "protamine sulfate"	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/03/10 14:25
S42	2730	(N-(l-pyrenyl)with maleimide or "N,N'-(1,2-phenylene) dimaleimide") and "protamine sulfate"	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/03/10 14:26
S43	0	("N-(l-pyrenyl maleimide" or "N, N'-(1,2-phenylene) dimaleimide") and "protamine sulfate"	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/03/10 14:26
S44	0	("N-(l-pyrenyl maleimide" or "N, N'-(1,2-phenylene) dimaleimide")	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/03/10 14:26
S45	0	"N-(l-pyrenyl)maleimide"	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/03/10 14:27
S48	0	(l-pyrenyl)with maleimide	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/03/10 14:28
S49	2	"5466707".pn.	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/03/10 15:26
S50	4633	("protamine sulfate" or polylysine or defensin or lysozyme or lactoperoxidase) and antimicrobial	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/03/10 15:29
S51	965	("protamine sulfate" or polylysine or defensin or lysozyme or lactoperoxidase) same antimicrobial	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/03/10 15:29
S52	24	("protamine sulfate" or polylysine or defensin or lysozyme or lactoperoxidase) same antimicrobial and maleimides	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/03/10 15:29
S53	10	("protamine sulfate" or polylysine or defensin or lysozyme or lactoperoxidase) same antimicrobial and \$maleimides	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/03/10 15:35

## EAST Search History

S54	2	("protamine sulfate" or polylysine or defensin or lysozyme or lactoperoxidase) same thiol with specific with reagent	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/03/10 15:36
S55	32	("protamine sulfate" or polylysine or defensin or lysozyme or lactoperoxidase) and thiol with specific with reagent	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/03/14 16:10
S56	324350	"6613564".pn. methanol	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/03/14 15:54
S57	324348	"6613564"".pn.and" methanol	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/03/14 15:55
S58	0	"6613564".pn. and methanol	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/03/14 15:55
S59	0	"6613564".pn. and dimethylsufixide	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/03/14 15:56
S60	0	"6613564".pn. and dimethylsulfoxide	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/03/14 15:56
S61	0	"6613564".pn. and "dimethyl sulfoxide"	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/03/14 15:56
S62	0	("protamine sulfate" or polylysine or defensin or lysozyme or lactoperoxidase) and maliamide	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/03/14 16:11
S63	2393	("protamine sulfate" or polylysine or defensin or lysozyme or lactoperoxidase) and maleimide	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/03/14 16:11
S64	443	("protamine sulfate" or polylysine or defensin or lysozyme or lactoperoxidase)and maleimide and antimicrobial	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/03/18 15:12
S65	4	("protamine sulfate" or polylysine or defensin or lysozyme or lactoperoxidase)same maleimide and antimicrobial	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/03/14 16:13

## EAST Search History

S66	0	("protamine sulfate" or polylysine or defensin or lysozyme or lactoperoxidase) same maleimide same antimicrobial	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/03/14 16:13
S67	0	("protamine sulfate" or polylysine or defensin or lysozyme or lactoperoxidase) same antimicrobial and maliemide	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/03/14 16:13
S68	24	("protamine sulfate" or polylysine or defensin or lysozyme or lactoperoxidase) same antimicrobial and maleimide	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/03/14 16:25
S69	153	"protamine sulfate" and maleimide	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/03/14 16:26
S70	51	"protamine sulfate" and maleimide and antimicrobial	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/03/15 09:31
S71	0	"protamine sulfate" same maleimide and antimicrobial	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/03/14 16:26
S72	5	ovotransferrin and maleimide	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/03/14 16:37
S73	5	ovotransferrin and maleimides	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/03/14 16:48
S74	107	lactoferrin and maleimides	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/03/14 16:48
S75	58	lactoferrin and maleimides and antimicrobial	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/03/14 17:02
S76	1	lactoferrin same maleimides and antimicrobial	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/03/14 16:49
S77	0	lactoferrin and N-ethylmaleimide and antimicrobial	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/03/14 16:53

## EAST Search History

S78	0	lactoferrin and "N substituted maleimide" and antimicrobial	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/03/14 16:54
S79	0	lactoferrin and NEM and antimicrobial	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/03/14 16:54
S80	0	serotransferrin and maleimides and antimicrobial	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/03/14 17:03
S81	4	serotransferrin and antimicrobial	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/03/14 17:03
S82	0	"protamine sulfate" same maleimide	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/03/15 09:31
S83	2	"protamine sulfate" same \$maleimide	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/03/15 09:55
S84	192	"protamine sulfate" and \$maleimide	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/03/15 09:55
S85	36	"protamine sulfate" and \$maleimide and antimicrobial	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/03/15 10:08
S86	4850	ovotransferrin or lactoferrin or lactoperoxidase	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/03/15 10:10
S87	113	S86 and \$maleimide and antimicrobial	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/03/15 10:11
S88	1	S86 same \$maleimide and antimicrobial	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/03/15 10:12
S89	0	S86 and \$maleimide same antimicrobial	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/03/15 10:12



## EAST Search History

S90	9	S86 same \$maleimide	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/03/15 11:13
S91	4	S86 same \$maleimide and methanol	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/03/15 11:13
S92	2916	(methanol or "dimethyl sulfoxide") and medical with devices	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/03/15 11:33
S93	684	(methanol or "dimethyl sulfoxide") and medical with devices and antimicrobial	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/03/15 11:33
S94	88	(methanol or "dimethyl sulfoxide") and medical with devices and antimicrobial and biofilm	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/03/15 11:34
S95	12	(methanol and "dimethyl sulfoxide") and medical with devices and antimicrobial and biofilm	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/03/15 11:34
S96	441	("protamine sulfate" or polylysine or defensin or lysozyme or lactoperoxidase)and maleimide and antimicrobial and composition	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/03/18 15:12
S97	4	("protamine sulfate" or polylysine or defensin or lysozyme or lactoperoxidase)same maleimide and antimicrobial and composition	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/03/18 15:13
S98	109	("protamine sulfate" or polylysine or defensin or lysozyme or lactoperoxidase)and maleimide and antimicrobial same composition	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/03/18 15:13
S99	45	("protamine sulfate" or polylysine or defensin or lysozyme or lactoperoxidase)and maleimide and antimicrobial same composition and medical with device	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/04/03 16:45
S100	59	(cationic with polypeptide or protein) and maleimide and antimicrobial same composition and medical with device	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/03/18 15:18

## EAST Search History

S10 1	1	(cationic with polypeptide or cationic with protein) and maleimide and antimicrobial same composition and medical with device	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/03/18 15:22
S10 2	54	protamine with sulfate same antimicrobial	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/03/21 08:22
S10 3	5	protamine with sulfate same antimicrobial and "medical devices"	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/03/21 08:22
S10 4	0	quanternary with ammonium same antimicrobial and medical with devices	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/03/21 09:52
S10 5	5	quanternary with ammonium same antimicrobial	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/03/21 10:04
S10 6	11	ovotransferrin same antimicrobial	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/03/21 10:05
S10 7	316	thiol with specific with reagent	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/09/21 13:29
S10 8	1473	cationic with polypeptide	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/09/21 13:28
S10 9	60	S107 and glycoprotein	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/09/21 13:29
S11 0	6	iron with sequestering with glycoprotein	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/09/21 13:29
S11 1	3	cationic with polypeptide and N-phenylmaleimides	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/09/21 13:29
S11 2	1903	N-phenylmaleimides	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/09/21 13:29

## EAST Search History

S11 3	0	thiol with specific with reagent and 514/8.ccls.	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/09/21 13:30
S11 4	17	thiol with specific with reagent and 435/69.1.ccls.	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/09/21 13:30
S11 5	17	thiol with specific with reagent and 435/320.1.ccls.	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/09/21 13:30
S11 6	8	thiol with specific with reagent and 435/252.3.ccls.	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/09/21 13:30
S11 7	5	thiol with specific with reagent and 530/395.ccls.	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/09/21 13:30
S11 8	8	"826094".ap.	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/12/02 11:06
S11 9	1	"826094".ap. and N-substituted	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/12/02 11:06
S12 0	36457	("protamine sulfate" or polylysine or defensin or lysozyme or lactoperoxidase)	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/04/03 16:45
S12 1	95	S120 same \$maleimide	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/04/13 11:08
S12 2	28	S120 with \$maleimide	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/04/03 16:47
S12 3	25	S122 and @ad<"20040331"	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/04/03 16:48
S12 4	355	thiol with specific with reagent	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/04/13 11:07

## EAST Search History

S12 5	1621	cationic with polypeptide	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/04/13 11:07
S12 6	3	S124 and iron with sequestering with glycoprotein	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/04/13 11:07
S12 7	10	iron with sequestering with glycoprotein	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/04/13 11:07
S12 8	3599	(N-ethylmaleimide or NEM)	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/04/13 11:07
S12 9	2	thiol with specific with reagent and N-phenylmaleimides	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/04/13 11:07
S13 0	5	cationic with polypeptide and N-phenylmaleimides	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/04/13 11:07
S13 1	1	thiosulfinates and polylysine	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/04/13 11:07
S13 2	161	thiosulfinates	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/04/13 11:07
S13 3	40	lysozyme and antimicrobial with composition and (N-ethylmaleimide or "P-hydroxymercuribenzoic acid" or iodoacetamide or N-phenylmaleimide or \$maleimide)	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/04/13 11:07
S13 4	36643	("protamine sulfate" or polylysine or defensin or lysozyme or lactoperoxidase)	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/04/13 11:08
S13 5	4	S134 same \$maleimide and 530/350.ccls.	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/04/13 11:08

## EAST Search History

S13 6	1	S134 same \$maleimide and 514/12.ccls.	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/04/13 11:09
S13 7	0	S134 same \$maleimide and 530/400.ccls.	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/04/13 11:17
S13 8	0	S134 same \$maleimide and 435/320.ccls.	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/04/13 11:17